Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 04 Sep 2021 until 23:59 on Sunday 05 Sep 2021

Forecast Issued on Friday 03 Sep 2021 at 15:17

Confidence: High for overall theme, low confidence in any sunny spells.

Headline for Saturday 04 Sep 2021: Another cloudy day with skies likely to remain overcast.

Mountain weather hazards on Saturday 04 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG						
Dull	Fog	Dull	Dull	Dull	Cloudy	Cloudy	Cloudy
Precipitation probability							
20%	30%	20%	10%	10%	10%	10%	10%

Forecast for Saturday 04 Sep 2021

Weather: An overcast day with cloud sitting on the summits during the early hours. There may be a spot of drizzle at first, but it will turn dry as the cloud will steadily lift and thin during the morning. There is a small chance of some cloud breaks in the west, but on the whole it will remain a cloudy afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: 40% increasing to 100%

Visibility: Poor on the summits with cloud base 300-400m, steadily improving to good as the cloud lifts

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Mountain Weather Forecast

Forecast for Saturday 04 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/11 E	9/13 E	9/13 E	10/15 SE	10/15 SE	10/15 SE	9/13 SE	10/17 SE	11/17 SE
300	6/12 E	6/14 E	7/13 E	9/16 SE	9/16 SE	8/15 SE	6/12 SE	6/14 SE	7/14 SE
Valley	6/13 E	7/14 E	7/14 E	8/16 SE	8/15 SE	8/14 SE	6/13 SE	7/16 E	8/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	8/6	8/6	10/7	11/9	12/10	11/10	10/8	10/7
300	11/10	10/9	11/9	13/11	14/13	15/14	14/13	12/11	12/11
Valley	13/12	12/10	12/10	14/13	17/15	17/16	16/15	14/13	13/12
Freezing Level*	2400m	2400m	2400m	2400m	2300m	2300m	2200m	2300m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There remains some uncertainty on any sunshine during the afternoon, but the best of any cloud breaks will be in the north-west of the park.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 03 Sep 2021	0mm	0mm	0.4mm

Forecast for Sunday 05 Sep 2021

Weather: A mostly cloudy day but brighter than Saturday and feeling milder. Sunny spells at times during the afternoon and staying dry.

Maximum wind: South-easterly 8-12mph gusting 18mph

Chance of cloud free mountain/hill tops above 600m: 70% increasing to 100%

Visibility: Possibly poor in the east at first with cloud base 400m. Improving to very good during the morning

Temperature: **Valleys:** Plus 12 Celsius increasing to 21 Celsius
At 600m: Plus 11 Celsius increasing to 17 Celsius
Freezing level: Above summits

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